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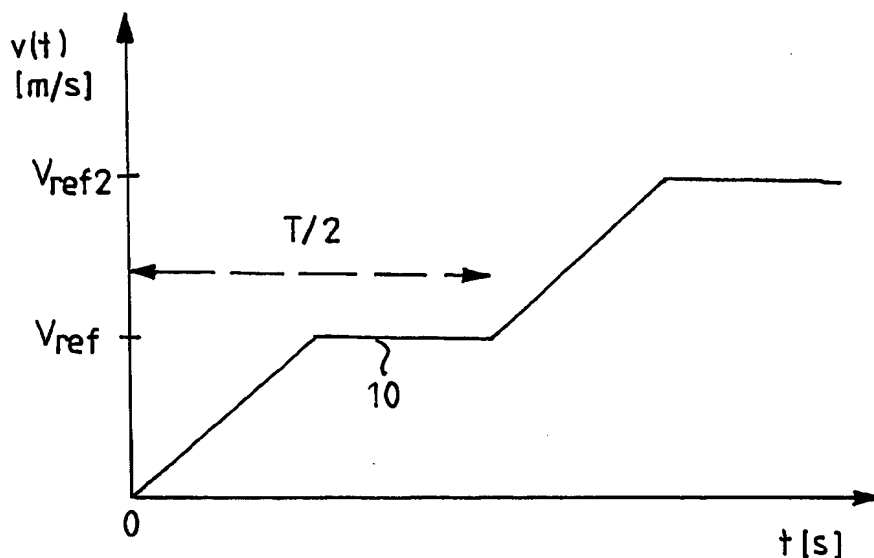
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(54) Title: **METHOD FOR CONTROLLING A CRANE**



(57) Abstract: The invention relates to a method for controlling a crane, the method comprising comparing velocity requests (V_{ref}) given by a crane control system with a previous velocity request and, if the velocity request is changed, forming and storing an acceleration sequence for the corresponding velocity change, summing the velocity changes defined by the stored acceleration sequences at a particular time and adding the obtained sum (dV) to the previous velocity request to achieve a new velocity request (V_{ref2}), which is set as a new control and velocity request for the crane drives (11, 12), and performing some of the velocity changes defined by the summed acceleration sequences at the definition time of each selected sequence on each program round, i.e. control step, and performing the rest of them as delayed in such a manner that the stored sequence parts to be performed as delayed are read and summed on a plurality of program rounds.

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